

ABSTRACT

A system and method facilitating the exchange and/or using of a session key (*e.g.*, symmetric key) to facilitate secure communication is provided. The session key can be employed, for example, to encrypt and/or decrypt message(s) that form a dialog between an initiator system and target system(s). “Dialog” refers to bidirectional streams of messages between two endpoints (*e.g.*, initiator system and target system(s)).

The systems and methods of the present invention can facilitate, for example, dialog authentication (*e.g.*, ensuring that the initiator and target of the dialog are who they say they are by exchanging security credentials), and, authorization (*e.g.*, only allowing authorized users to send and receive messages). The system(s) and method(s) of the present invention can further facilitate location transparency of service(s) and/or scalable secure monolog(s).

The system employs public key/private key asymmetric encryption and/or decryption technique(s) to authenticate and secure information (*e.g.*, message(s) and/or session key(s)) exchanged between an initiator system and a target system.